

## ABSTRACT

A frictional pivot 100 for use in a device measuring gravitational alignment is provided. The frictional pivot 100 comprises a gravity-responsive directional means 200 for indicating a datum direction of alignment with gravity; frictional pivoting means 300, 400 for allowing the gravity-responsive means coarsely to align with gravity; vibration means 303, 403 for vibrating one or more elements of the pivoting means; and portable power means 303a for powering the vibration means 303, 403.

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